

ABSTRACT

A flashlight in accordance with the present invention includes a chamber, end cap, head assembly and lamp holder assembly. The end cap includes a bowed tripod portion to facilitate standing the flashlight on a flat surface. The head assembly includes a reflector and a lens. In one embodiment of the invention, the head assembly includes an elliptical reflector. In accordance with another embodiment of the present invention, the flashlight having a elliptical reflector is matched with a negative or planar lens. In accordance with another embodiment of the present invention, the head assembly includes an hyperbolic reflector. In accordance with another embodiment of the present invention, the flashlight having a hyperbolic reflector is matched with a positive or planar lens. In accordance with another aspect of the present invention, the flashlight includes electrode connections which prevent the conduction of electrical energy from batteries which are improperly aligned within the flashlight. In another embodiment, the lamp holder assembly includes a lamp socket having a lamp guide which provides a guide for installing lamp bulbs into the lamp socket and also provides a secure position for the lamp bulb. In accordance with one embodiment of the present invention, the flashlight includes a lamp holder assembly which includes a notch capable of receiving and holding a spare lamp. In another embodiment, the lamp holder assembly further includes a fluorescent coating or additive which illuminates light in otherwise dark conditions, thereby facilitating lamp replacement in the less than desirable light conditions.